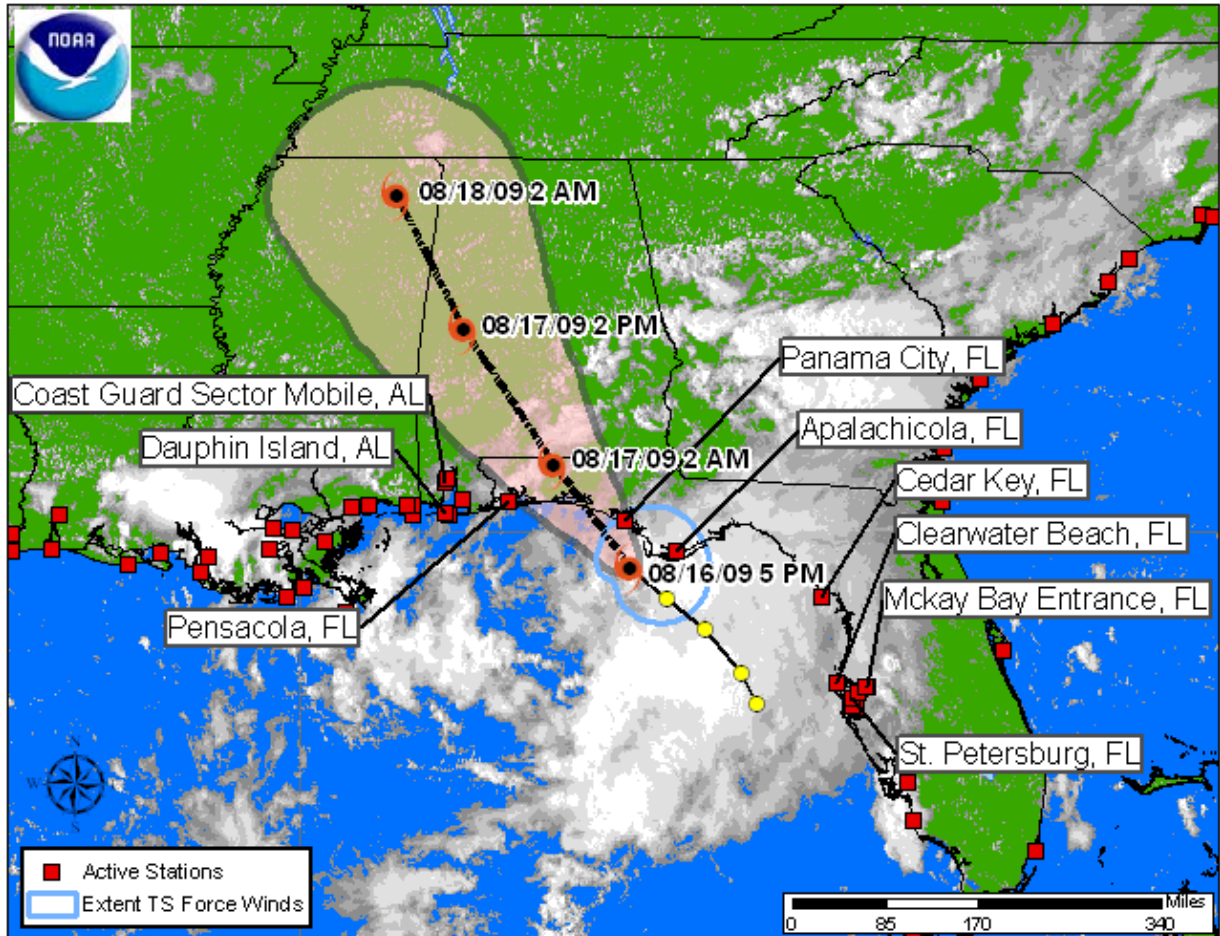




Tropical Storm CLAUDETTE QuickLook
Posted: 18:00 EDT 08/16/2009

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/16/2009 18:00 EDT, water levels from central Florida to Alabama are rising and range between 0.6 to 2.4 ft above predicted. Wind gusts upto 40 knots have been observed at Apalachicola, FL.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Apalachicola, FL: Next predicted high tide is 2.0 ft (0.60 m) at 08/17/2009 12:18 EDT.

Panama City, FL: Next predicted high tide is 2.0 ft (0.61 m) at 08/17/2009 07:54 CDT.

Cedar Key, FL: Next predicted high tide is 3.1 ft (0.95 m) at 08/17/2009 01:00 EDT.

Clearwater Beach, FL: Next predicted high tide is 2.0 ft (0.60 m) at 08/16/2009 23:30 EDT.

Pensacola, FL: Next predicted high tide is 2.1 ft (0.63 m) at 08/17/2009 08:48 CDT.

Dauphin Island, AL: Next predicted high tide is 1.9 ft (0.57 m) at 08/17/2009 08:06 CDT.

Coast Guard Sector Mobile, AL: Next predicted high tide is 1.8 ft (0.56 m) at 08/17/2009 10:12 CDT.

Mckay Bay Entrance, FL: Next predicted high tide is 3.3 ft (1.00 m) at 08/17/2009 11:30 EDT.

St. Petersburg, FL: Next predicted high tide is 2.9 ft (0.88 m) at 08/17/2009 11:18 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM CLAUDETTE ADVISORY NUMBER 4

500 PM EDT SUN AUG 16 2009

...CLAUDETTE APPROACHING THE FLORIDA PANHANDLE...

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM THE ALABAMA/FLORIDA BORDER EASTWARD TO THE SUWANNEE RIVER FLORIDA. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 24 HOURS.

AT 500 PM EDT THE CENTER OF TROPICAL STORM CLAUDETTE WAS LOCATED ABOUT 40 MILES WEST-SOUTHWEST OF APALACHICOLA FLORIDA AND ABOUT 120 MILES SOUTHEAST OF PENSACOLA FLORIDA.

CLAUDETTE IS MOVING TOWARD THE NORTHWEST NEAR 14 MPH. THIS MOTION IS EXPECTED TO CONTINUE THIS EVENING AND ON THIS FORECAST TRACK THE CENTER WILL MOVE ONSHORE IN THE FLORIDA PANHANDLE LATER TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 50 MPH WITH HIGHER GUSTS. THERE IS THE POTENTIAL FOR SOME ADDITIONAL STRENGTHENING PRIOR TO LANDFALL. A MARINE TOWER, STATION SGOF1, LOCATED ABOUT 25 MILES SOUTH-SOUTHEAST OF APALACHICOLA RECENTLY REPORTED A 10-MINUTE SUSTAINED WIND OF 51 MPH.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1008 MB.

RAINFALL ACCUMULATIONS OF 3 TO 6 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 10 INCHES ARE EXPECTED ACROSS THE FLORIDA PANHANDLE, THE BIG BEND REGION OF FLORIDA, CENTRAL AND SOUTHERN ALABAMA AND EXTREME SOUTHWESTERN GEORGIA.

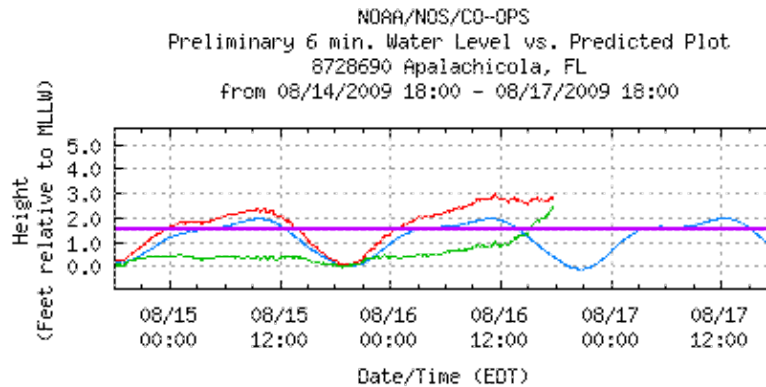
STORM TIDE IS EXPECTED TO PRODUCE MAXIMUM WATER LEVELS OF 3 TO 5 FEET ABOVE GROUND LEVEL ALONG PORTIONS OF THE FLORIDA PANHANDLE, INCLUDING THE BIG BEND.

FORECASTER BRENNAN/ROBERTS

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Panama City - Air/Water Temp](#), [Cedar Key - Water Level](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Pensacola - Air/Water Temp](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Dauphin Island - Air/Water Temp](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Coast Guard Sector Mobile - Barometric](#), [Coast Guard Sector Mobile - Air/Water Temp](#), [Mckay Bay Entrance - Water Level](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [St. Petersburg - Air/Water Temp](#).

Apalachicola, FL - Station Map [Return to List](#)

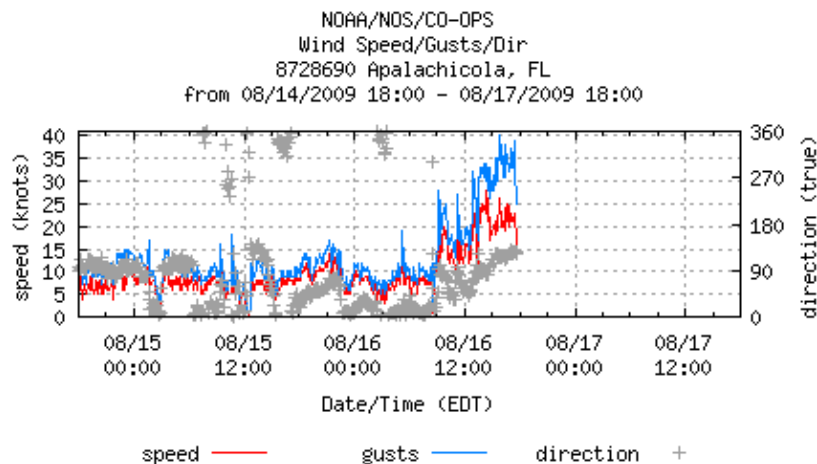


Last Observed Sample: 08/16/2009 17:42 (EDT)

Relative to **MLLW**: **Observed: 2.80 ft. Predicted: 0.41 ft. Residual: 2.39 ft.**

Historical Maximum Water Level: 11/21/1985, 5.69 ft. above **MHHW**

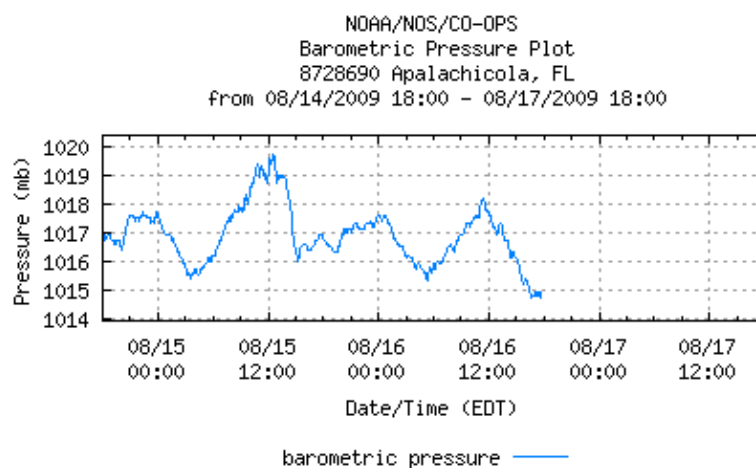
Apalachicola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 17:42 (EDT)

Wind Speed: 16 knots Gusts: 27 knots Direction: 128° T

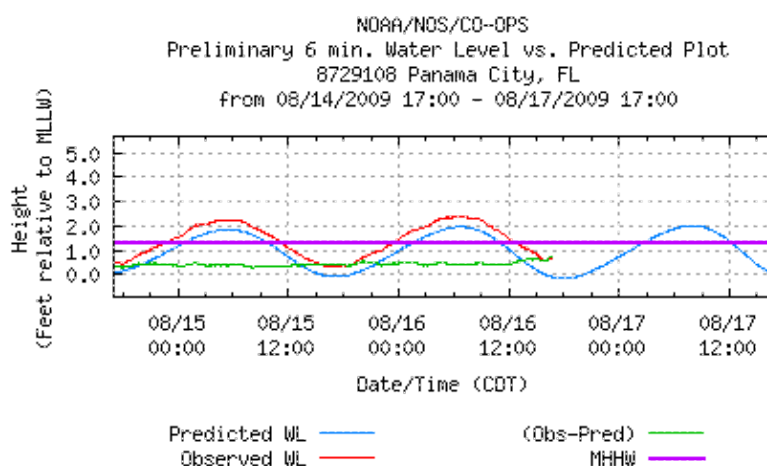
Apalachicola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 17:42 (EDT)

Barometric Pressure: 1014.7 mb

Panama City, FL - Station Map [Return to List](#)

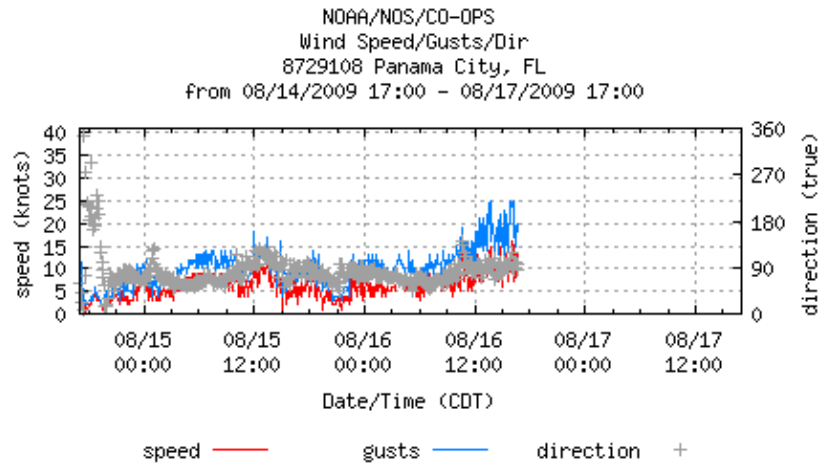


Last Observed Sample: 08/16/2009 16:42 (CDT)

Relative to **MLLW**: **Observed: 0.67 ft. Predicted: -0.09 ft. Residual: 0.76 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

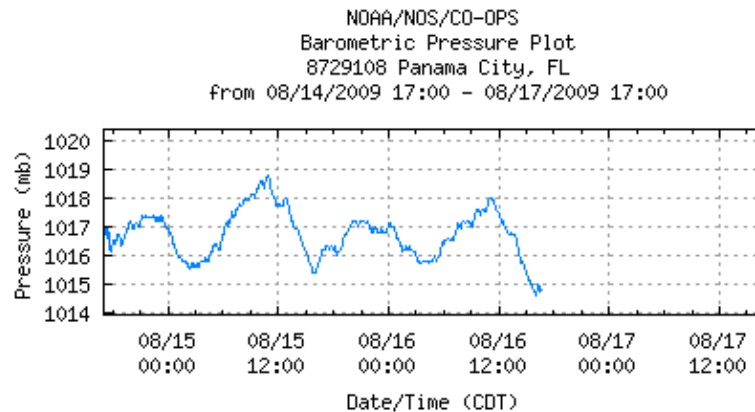
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 16:42 (CDT)

Wind Speed: 12 knots Gusts: 18 knots Direction: 096° T

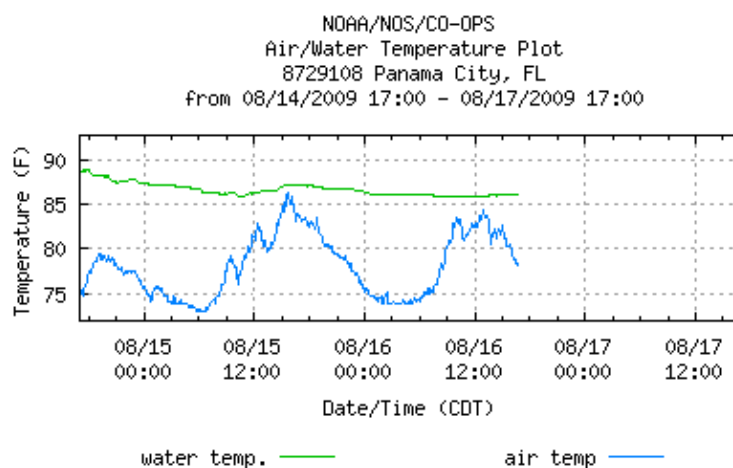
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 16:42 (CDT)

Barometric Pressure: 1014.8 mb

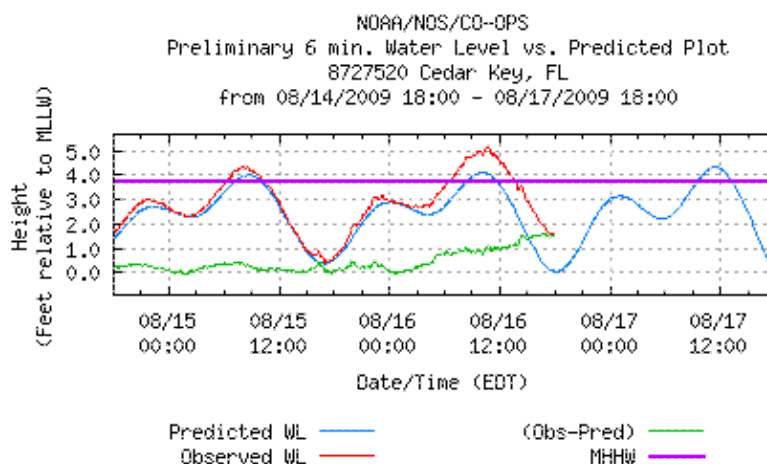
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 16:42 (CDT)

Water Temperature: 86.2° F Air Temperature: 78.1° F

Cedar Key, FL - Station Map [Return to List](#)

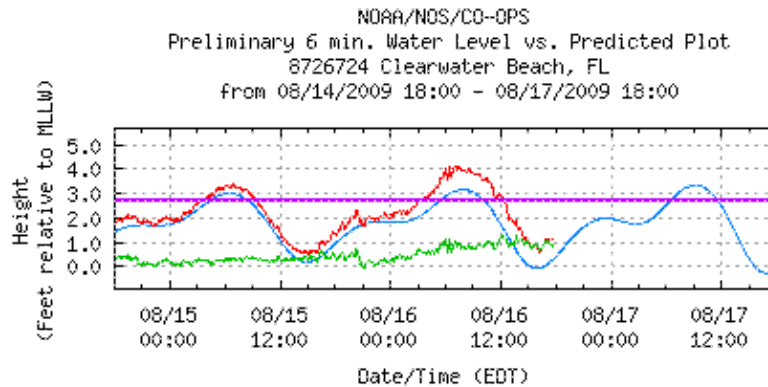


Last Observed Sample: 08/16/2009 17:48 (EDT)

Relative to **MLLW**: Observed: 1.56 ft. Predicted: 0.07 ft. Residual: 1.49 ft.

Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

Clearwater Beach, FL - Station Map [Return to List](#)



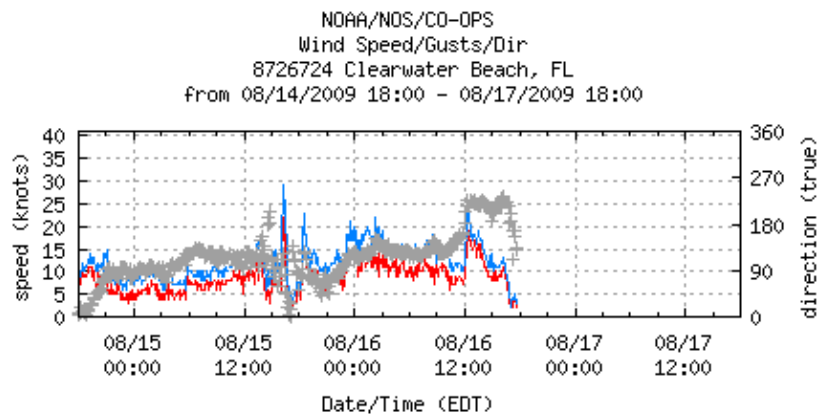
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 08/16/2009 17:42 (EDT)

Relative to **MLLW**: **Observed: 1.15 ft. Predicted: 0.30 ft. Residual: 0.85 ft.**

Historical Maximum Water Level: 03/13/1993, 4.05 ft. above **MHHW**

Clearwater Beach, FL - Station Map [Return to List](#)

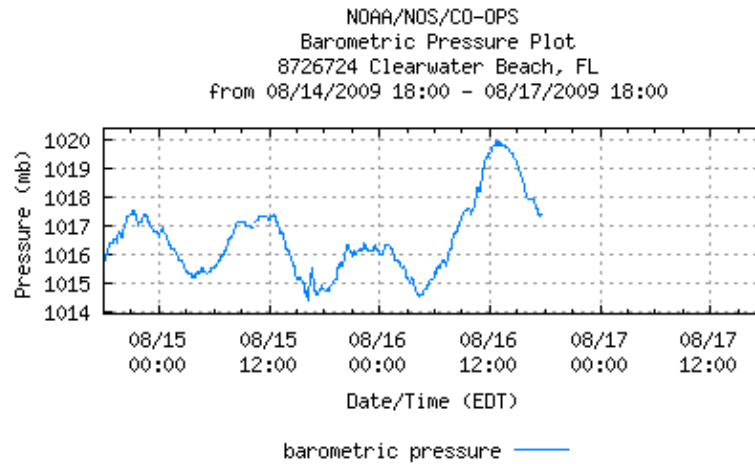


speed — gusts — direction +

Last Observed Sample: 08/16/2009 17:42 (EDT)

Wind Speed: 2 knots Gusts: 3 knots Direction: 129° T

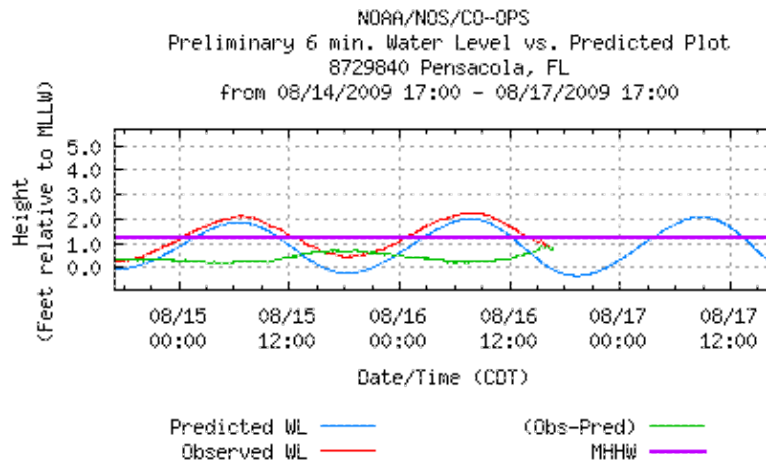
Clearwater Beach, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 17:42 (EDT)

Barometric Pressure: 1017.4 mb

Pensacola, FL - Station Map [Return to List](#)

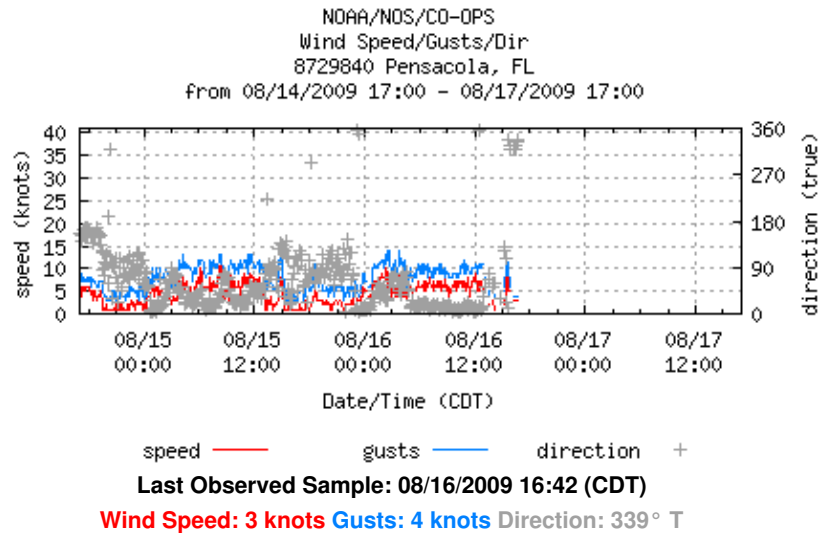


Last Observed Sample: 08/16/2009 16:42 (CDT)

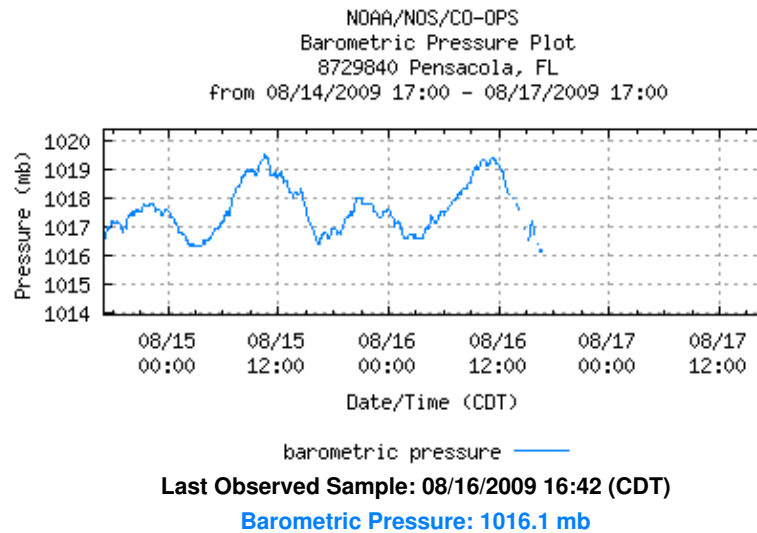
Relative to **MLLW**: **Observed: 0.73 ft.** **Predicted: -0.07 ft.** **Residual: 0.80 ft.**

Historical Maximum Water Level: 09/18/1926, 7.41 ft. above **MHHW**

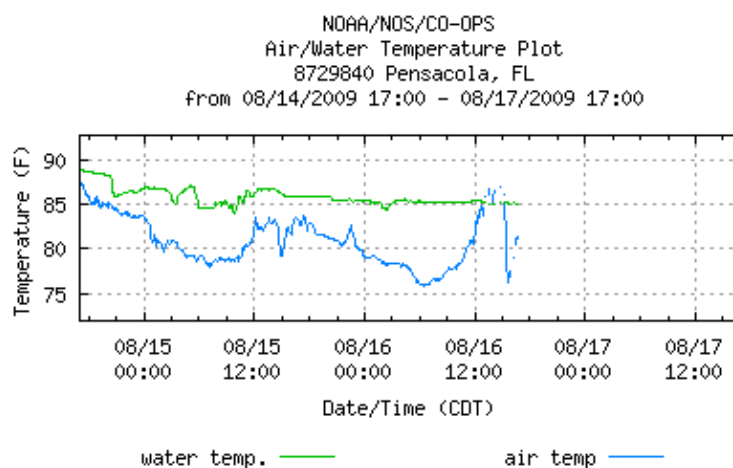
Pensacola, FL - Station Map [Return to List](#)



Pensacola, FL - Station Map [Return to List](#)



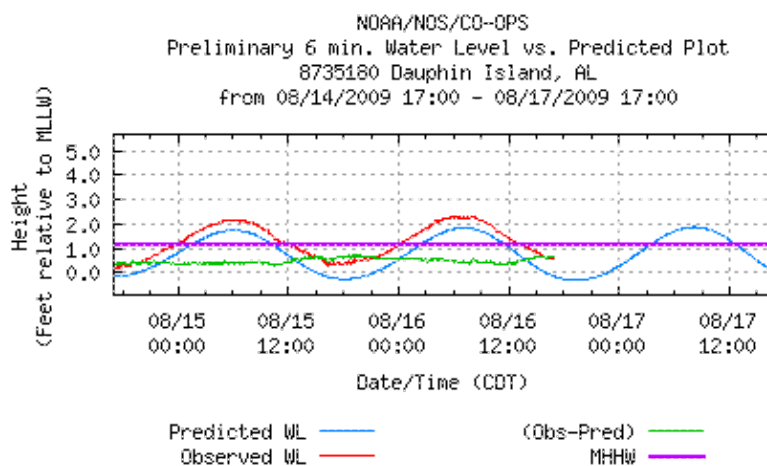
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 16:42 (CDT)

Water Temperature: 85.1° F Air Temperature: 81.1° F

Dauphin Island, AL - Station Map [Return to List](#)

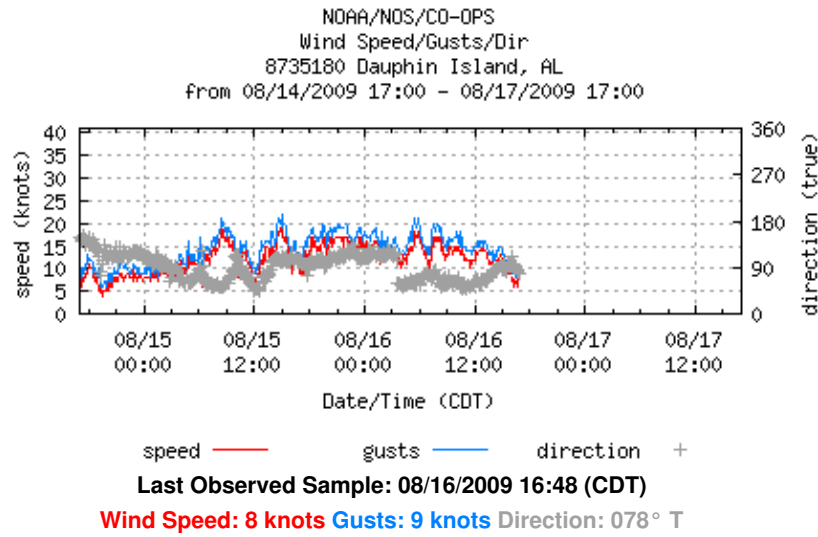


Last Observed Sample: 08/16/2009 16:48 (CDT)

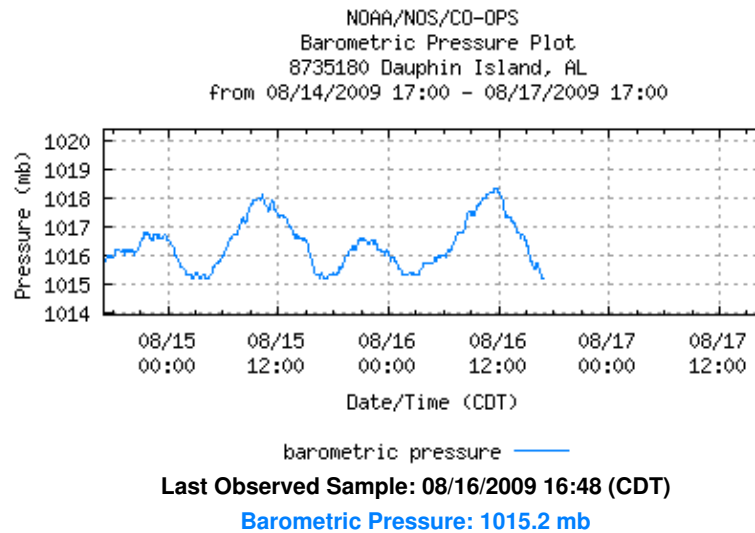
Relative to **MLLW**: Observed: 0.56 ft. Predicted: -0.13 ft. Residual: 0.69 ft.

Historical Maximum Water Level: 09/02/1985, 3.36 ft. above **MHHW**

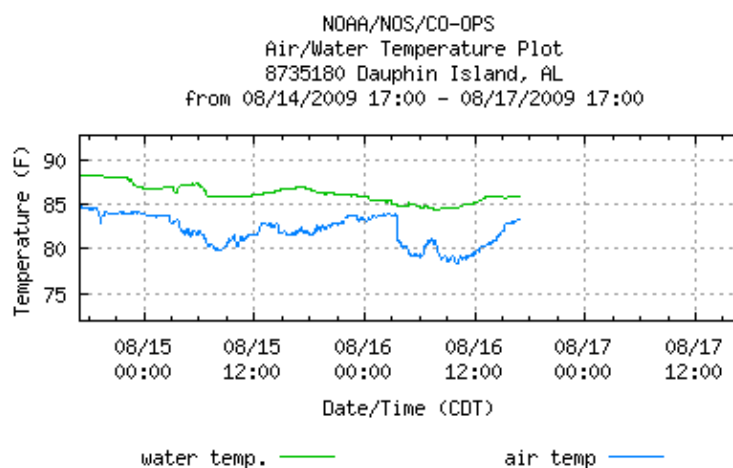
Dauphin Island, AL - Station Map [Return to List](#)



Dauphin Island, AL - Station Map [Return to List](#)



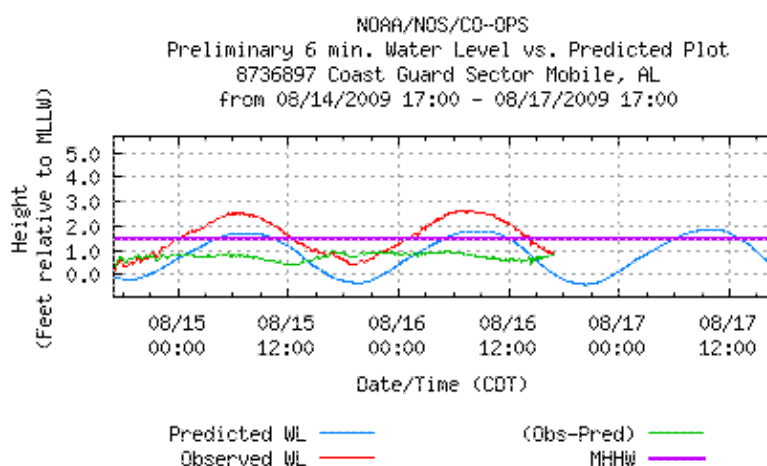
Dauphin Island, AL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 16:48 (CDT)

Water Temperature: 86.0° F Air Temperature: 83.3° F

Coast Guard Sector Mobile, AL - Station Map [Return to List](#)

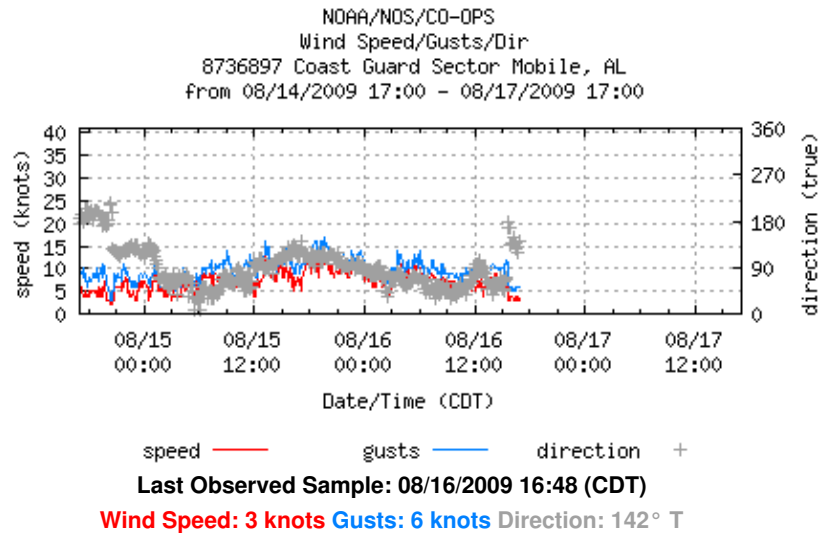


Last Observed Sample: 08/16/2009 16:48 (CDT)

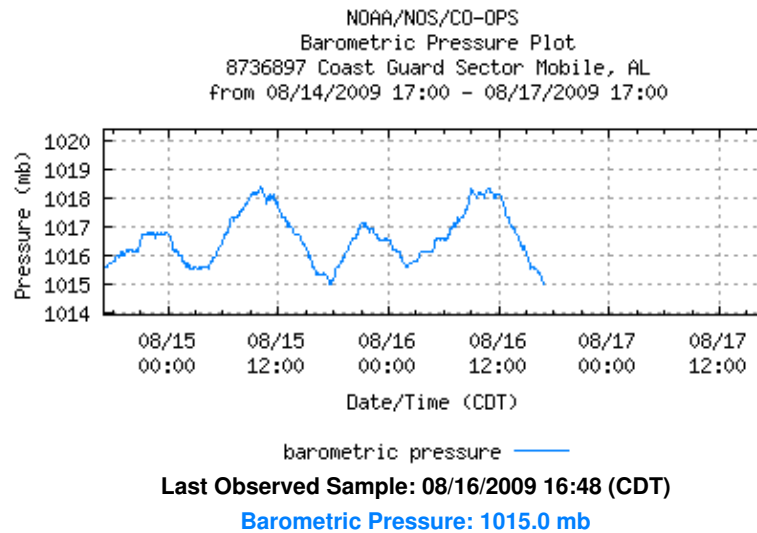
Relative to **MLLW**: Observed: 0.91 ft. Predicted: 0.06 ft. Residual: 0.85 ft.

Historical Maximum Water Level: n/a

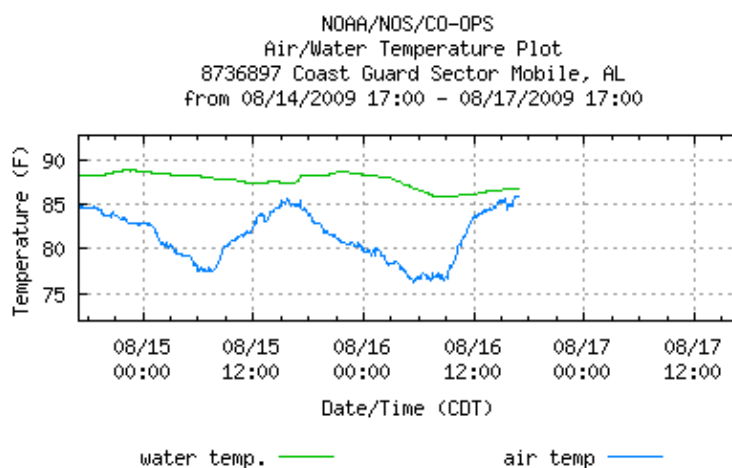
Coast Guard Sector Mobile, AL - Station Map [Return to List](#)



Coast Guard Sector Mobile, AL - Station Map [Return to List](#)



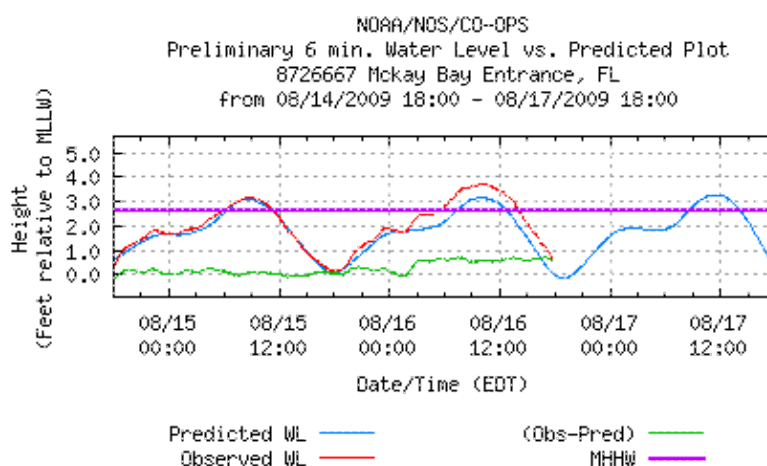
Coast Guard Sector Mobile, AL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 16:48 (CDT)

Water Temperature: 86.7° F Air Temperature: 86.0° F

Mckay Bay Entrance, FL - Station Map [Return to List](#)

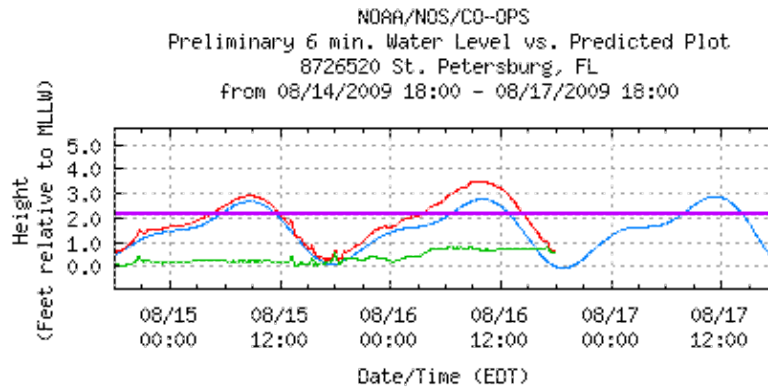


Last Observed Sample: 08/16/2009 17:42 (EDT)

Relative to **MLLW**: Observed: 0.66 ft. Predicted: 0.08 ft. Residual: 0.58 ft.

Historical Maximum Water Level: 10/08/1996, 4.3 ft. above **MHHW**

St. Petersburg, FL - Station Map [Return to List](#)

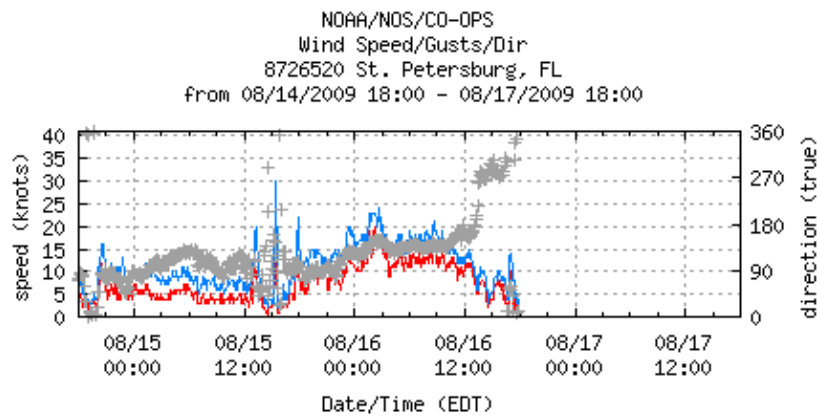


Last Observed Sample: 08/16/2009 17:48 (EDT)

Relative to **MLLW**: **Observed: 0.62 ft. Predicted: 0.04 ft. Residual: 0.58 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

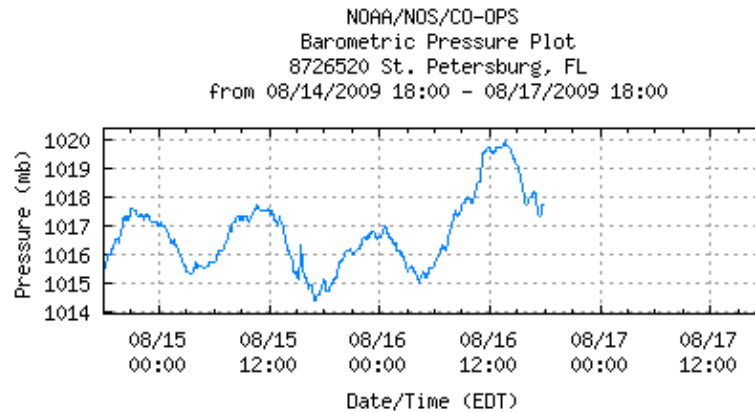
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 17:48 (EDT)

Wind Speed: 3 knots Gusts: 3 knots Direction: 012° T

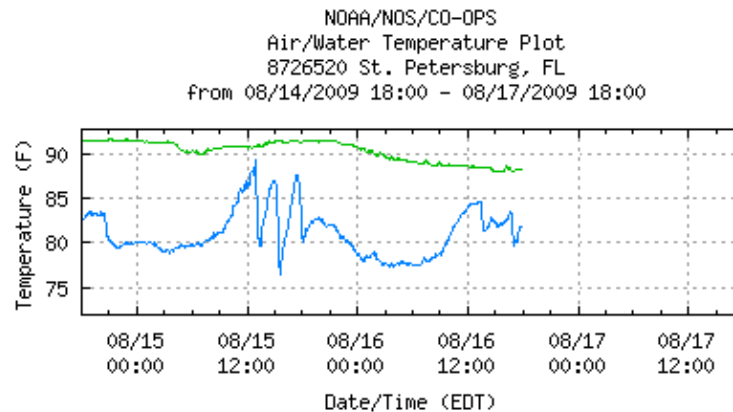
St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 17:48 (EDT)

Barometric Pressure: 1017.7 mb

St. Petersburg, FL - Station Map [Return to List](#)



Last Observed Sample: 08/16/2009 17:48 (EDT)

Water Temperature: 88.3° F Air Temperature: 81.8° F

Tropical Storm CLAUDETTE QuickLook, POSTED 18:00 EDT 08/16/2009

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce